



# CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



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## Unified Program Newsletter April 2009

### IN THIS ISSUE:

|         |   |
|---------|---|
| Cal/EPA | APSA Training Schedule<br>Electronic Reporting  |
| DTSC    | Cal/EPA Vapor Intrusion Workshop, June 3 & 4 (Sacramento) and June 9 & 10 (Los Angeles)   |
| SWRCB   | Matrix of Pipe Monitoring Applications – Updated January 23, 2009<br>Biodiesel Update: Underwriter's Laboratory (UL) Position On B5<br>CUPA Semi-Annual Reporting (Report 6)<br>Red Tag Quarterly Reporting |
| Cal EMA | None  |
| OSFM    | None  |

### Cal/EPA

#### APSA Training Schedule

Cal/EPA, in cooperation with the California Specialized Training Institute (CSTI), has worked to create the necessary training for the Aboveground Petroleum Storage Act (APSA). CSTI's subcontractor, ESCI Enviroservices, Inc., has developed the training program and will teach the courses. The modified course schedule is below:

| Course Number | Start    | Finish   | Location                 |
|---------------|----------|----------|--------------------------|
| APSA1-08      | 04/21/09 | 04/23/09 | Ventura                  |
| APSA2-08      | 04/28/09 | 04/30/09 | Santa Cruz               |
| APSA3-08      | 05/05/09 | 05/07/09 | Los Angeles              |
| APSA5-08      | 05/11/09 | 05/13/09 | Redding                  |
| APSA8-08      | 05/19/09 | 05/21/09 | San Diego                |
| APSA6-08      | 06/02/09 | 06/04/09 | Martinez                 |
| APSA9-08      | 06/08/09 | 06/10/09 | Petaluma                 |
| APSA10-08     | 06/16/09 | 06/18/09 | San Bernardino/Riverside |
| APSA7-08      | 06/23/09 | 06/25/09 | Oroville                 |
| APSA4-08      | 07/07/09 | 07/09/09 | Hanford                  |
| APSA01-09     | 09/15/09 | 09/17/09 | Los Angeles              |
| APSA02-09     | 09/22/09 | 09/24/09 | Orange County            |
| APSA03-09     | 09/28/09 | 09/30/09 | Modesto                  |
| APSA04-09     | 10/06/09 | 10/08/09 | Clovis                   |
| APSA05-09     | 10/20/09 | 10/22/09 | Roseville                |
| APSA06-09     | 10/27/09 | 10/29/09 | San Jose                 |

To register go to [www.csti.ca.gov](http://www.csti.ca.gov), and follow the links in the right side menu.

### **Electronic Reporting**

The work to implement electronic reporting for all businesses, CUPAs and PAs regulated by the Unified Program has been continuing for many months. Cal/EPA is busy putting up a new web page with guidance documents on the Unified Program site that should be operational by mid April at <http://www.calepa.ca.gov/CUPA/>. Additionally, Cal/EPA received approval from the Office of the State Chief Information Officer for the project to move forward. This was an important step in providing the necessary approvals for much of the technology support work, help desk function, and the state level service contracts that are part of the three year implementation plan. The most immediate action is the translation of Unidocs into the California Environmental Reporting System (CERS). The CERS project is on schedule to complete in August this year. The overall electronic reporting project continues to gather momentum, supported by the great work being done by numerous CUPAs, PAs, and state staff.

### **Department of Toxic Substances Control**

#### **Cal/EPA Vapor Intrusion Workshop, June 3 & 4 (Sacramento) and June 9 & 10 (Los Angeles)**

The California Environmental Protection Agency (Cal/EPA), in cooperation with Groundwater Resources Association of California, is hosting a Vapor Intrusion Workshop at two locations in June 2009. The workshop is intended as a forum for Cal/EPA staff and external stakeholders to discuss three Cal/EPA guidance documents/advisories pertaining to vapor intrusion: (1) Advisory - Active Soil Gas Investigations; (2) Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air; and (3) Vapor Intrusion Mitigation Advisory (expected late April 2009). Discussion topics will include: upcoming changes to the soil gas advisory (e.g., sample depths, leak detection methods, reporting limits, acceptable tubing types, data quality objectives); update on laboratory methods and certification for soil gas samples; sampling considerations for vapor intrusion assessment; vapor intrusion risk assessment California Human Health Screening Levels; public participation considerations for vapor intrusion sites; and design and implementation considerations for vapor intrusion mitigation technologies.

For information and registration, see [http://www.dtsc.ca.gov/SiteCleanup/Vapor\\_Intrusion.cfm](http://www.dtsc.ca.gov/SiteCleanup/Vapor_Intrusion.cfm).

### **State Water Resources Control Board**

#### **Matrix of Pipe Monitoring Applications – Updated Jan. 23, 2009**

The California Code of Regulations, Title 23, section 2631, subdivision (b) requires that the design and construction of tanks and piping be approved by an independent testing organization in accordance with industry codes, voluntary consensus standards, or engineering standards. The attached “Matrix of Pipe Monitoring Applications” can be used to assist with identification of piping that complies with the independent testing requirements of California Code of Regulations, Title 23, section 2631(b). The Matrix of Pipe Monitoring Applications is based on information provided by the pipe manufacturers and reviewed by the State Water Board’s UST Program staff. These manufacturers have had a chance to review and comment on the matrix. It is updated periodically as we receive and review additional documentation from manufacturers. Please utilize the latest version of the Matrix of Pipe Monitoring Applications, which was updated on January 23, 2009.

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#### **Biodiesel Update: Underwriter’s Laboratory (UL) Position on B5**

Cal/EPA Secretary Linda Adams and the State Water Resources Control Board (State Water Board) requested that UL determine whether it’s Standards and Certification for petroleum diesel storage in USTs can appropriately be applied to biodiesel blends of up to B5. UL’s findings indicated there were no adverse safety effects for biodiesel blends of up to B5, and that products intended to use biodiesel blends up to B5 that are compliant with applicable ASTM International fuel standards will not require special investigation by UL. However, UL also found that use of Biodiesel at levels above 5% may have a significant effect on materials, performance or combustion of some equipment. On January 9, 2009, the State Water Board issued a letter detailing the situation and the current status of how biodiesel blends should be regulated.

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### **CUPA Semi-Annual Reporting (Report 6)**

For the July - December 2008 period, 100 CUPAs and PAs (99% of the 101 CUPAs/PAs) submitted semiannual reports (Report 6, Title 27 regulations). We appreciate the CUPA/PAs timely submittals this quarter, when 95 reports were submitted by the Due Date. Only 1 of the 21 reports sent back for corrections was not returned as of this report date. Most of the corrections were due to the fact that the old way of determining SOC compliance was used. Victorville CUPA and Palo Alto PA are handing over the reins for their UST facilities to their respective county CUPA. UST inspections for Significant Operational Compliance (SOC) totaled 6460, which is 1682 fewer inspections than the January - June semiannual period. Local agencies reported that 8.7% of inspected facilities were in SOC with release detection only, 14.2% were in SOC with release prevention only, 70.1% were in SOC with both release detection and release prevention, and 7 % had violations for both release detection and release prevention. CUPAs issued 46 Red Tags during this period. As of December 31, 2008, there were 15,054 UST facilities, with 88 new facilities and 224 facilities closed during the last 6 months. There are 36,899 active and 126,894 closed petroleum USTs with 224 new tanks opened and 477 tanks closed this period. There are 2,518 active and 21,231 closed hazardous substance USTs, with 25 new and 130 closed this period. There were some adjustments to UST databases, as agencies cleaned up their data. During the reporting period, UPAs increased the number of regulated facilities by 6, decreased by 215 petroleum USTs, and reduced the number of hazardous substance USTs by 42. Consequently, by the end of the period there were 468 less active petroleum USTs, 148 fewer active hazardous substance USTs, and 130 fewer UST facilities in operation.

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### **Red Tag Quarterly Reporting**

For the January – June 2008 semiannual period, 12 CUPAs issued 46 Red Tags. [Counties of: Alameda (3), Fresno (5), Kings (3), San Bernardino (5), San Luis Obispo (5), Santa Barbara (1), Santa Cruz (3), Shasta (4), Stanislaus (3), and Yuba (3)] [Cities of Bakersfield (3) and Los Angeles (8)]. This is 11 less than the previous period. 22 of the 46 Red Tags issued were removed during this 6 month period with the average time affixed being 11 days. The specific violations cited were as follows:

1. 2 violations for conditions at the UST facility threatening to cause a liquid release (Ch. 16, Sec. 2637)
2. 24 violation for conditions at the UST facility impairing the ability to detect a leak [Ch.16, Sec. 2636(f)(2)]
3. 20 violations for a chronic violation or recalcitrant facility operator/owner

Please note when reporting Red Tags, please list the total number of Red Tags affixed not the number of facilities being Red tagged.

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### **California Emergency Management Agency**

None

### **Office of the State Fire Marshal**

None